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Caizza, A., Esposito, A., DuPont, J. N., and Stockdale, A. — High-Temperature Corrosion Behavior of Alloy 600 and 622 Weld Claddings and Coextruded Coatings, (July) 218-s
Cao, B., Zhou,W., Morfa, J., Myers. O., Schneider, J., Stromberg, R., and Schilling, P. — Processing Effects on the Friction Stir Weld Stir Zone, (Jan) 11-s
Cao, R., Yu, J. Y., Chen, J. H., and Wang, P. C. — Feasibility of Cold-Metal-Transfer Welding Magnesium AZ31 to Galvinized Mild Steel, (Sept) 274-s
Carlson, B., Zhang, Y. S., Shen, J., Zhao, Y. Y., and Wang, P. C. — Effect of Adhesive Characteristics on the Weld Quality in Weld-Bonding Multiple Steel Sheets, (Dec) 363-s
Carlson, B. E., Zhang, J., Yang, S., and Wang, J. — Vacuum-Assisted Laser Welding of Zinc-Coated Steels in a Gap-Free Lap Joint Configuration, (July) 197-s
Caron, J. L., Babu, S. S., and Lippold, J. C. — The Weld Heat-Affected Zone Liquation Cracking Susceptibility of Naval Steels, (April) 110-s
Chamorro, E., Pérez-Carrasco, J., Sánchez-Ramos, C., Langa-Moraga, A., and Bonnin-Arias, C. — New Optical Filter Plate for Use as Eye Protection by Welders, (Feb) 36-s
Chen, J., Liu, Z. M., and Wu, C. S. — Sensing Dynamic Keyhole Behaviors in Controlled-Pulse Keyholing Plasma Arc Welding, (Dec) 381-s
Chen, J. H., Wang, P. C., Cao, R., and Yu, J. Y. — Feasibility of Cold-Metal-Transfer Welding Magnesium AZ31 to Galvinized Mild Steel, (Sept) 274-s
Chen, S. J., Wu, L., Zhang, Y. M., Xiao, J., and Zhang, G. J. — Active Droplet Oscillation Excited by Optimized Waveform, (July) 205-s
Chun, E. J., Baba, H., Terashima, K.. Nishimoto, K., and Saida, K. — Prediction of the σ-Phase Embrittlement in Type 316FR Weld Metal, (May) 133-s
Cruz-Crespo, A., Bezerra de Araujo, D., and Scotti, A. — Effect of Tempering Pass on HSLA-80 Steel HAZ Microstructures, (Oct) 304-s
Deceuster, A., Griffiths, B., Silwal, B., and Li, L. — Effect of Postweld Heat Treatment on the Toughness of Heat-Affected Zone for Grade 91 Steel, (March) 80-s
DuPont, J. N., and Brentrup, G. J. — Fabrication and Characterization of Graded Transition Joints for Welding Dissimilar Alloys, (March) 72-s
DuPont, J. N., Stockdale, A. W., Caizza, A., and Esposito, A.

— High-Temperature Corrosion Behavior of Alloy 600 and 622 Weld Claddings and Coextruded Coatings, (July) 218-s
DuPont, J. N., Robino, C. V., Kozeschnik, E., Seidman, D. N., Farren, J. D., and Hunter, A. H. — Microstructural Evolution and Mechanical Properties of Simulated Heat-Affected Zones in an Iron-Copper Based Multicomponent Steel, (May) 140-s
El-Hebeary, R., Fotouh, A., and El-Shennawy, M. — Simplified Mathematical Modeling of Implant Limit Stress and Maximum HAZ Hardness, (Nov) 336-s
El-Shennawy, M., El-Hebeary, R., and Fotouh, A. — Simplified Mathematical Modeling of Implant Limit Stress and Maximum HAZ Hardness, (Nov) 336-s
Esposito, A., DuPont, J. N., Stockdale, A., and Caizza, A. — High-Temperature Corrosion Behavior of Alloy 600 and 622 Weld Claddings and Coextruded Coatings, (July) 218-s
Fadzil, M., Zaharinie, T., Yusof, F., Hamdi, M., and Ariga, T. — Microstructure Analysis of Brazed Sapphire to Inconel® 600 Using Porous Interlayer, (Nov) 332-s
Fan, C. L., Yang, C. L., Lin, S. B., and Fan, Y. Y. — Arc Characteristics of Ultrasonic Wave-Assisted GMAW, (Dec) 375-s
Fan, Y. Y., Fan, C. L., Yang, C. L., and Lin, S. B. — Arc Characteristics of Ultrasonic Wave-Assisted GMAW, (Dec) 375-s
Farren, J.D., Hunter, A. H., DuPont, J. N., Robino, C. V., Kozeschnik, E., and Seidman, D. N. — Microstructural Evolution and Mechanical Properties of Simulated Heat-Affected Zones in an Iron-Copper Based Multicomponent Steel, (May) 140-s
Feng, X. L., Lippold, J. C., and Yue, X. — Quantifying Heat-Affected Zone Hydrogen-Induced Cracking in High-Strength Naval Steels, (Sept) 265-s
Fotouh, A., El-Shennawy, M., and El-Hebeary, R. — Simplified Mathematical Modeling of Implant Limit Stress and Maximum HAZ Hardness, (Nov) 336-s
Gao, Y., Ren, X., Yang, Q., Yang, J., Yang, Y., Zhou, Y., and Qi, X. — Microstructure and Wear Properties of Fe-2 wt-% Cr-X wt-% W-0.67 wt-% C Hardfacing Layer, (Aug) 225-s
Gao, X. D., Mo, L., Wen, Q., and Katayama, S. — Neural Network Model for Recognizing Joint Offset during Fiber Laser Welding, (Sept) 251-s
Ghadimi, P., Ghassemi, H., Ghassabzadeh, M., and Kiaei, Z. — Three-Dimensional Simulation of Underwater Welding and Investigation of Effective Parameters, (Aug) 239-s
Ghassabzadeh, M., Kiaei, Z., Ghadimi, P., and Ghassemi, M. — Three-Dimensional Simulation of Underwater Welding and Investigation of Effective Parameters, (Aug) 239-s
Ghassemi, H., Ghassabzadeh, M., Kiaei, Z., and Ghadimi, P. — Three-Dimensional Simulation of Underwater Welding and Investigation of Effective Parameters, (Aug) 239-s
Griffiths, B., Silwal, B., Li, L., and Deceuster, A. — Effect of Postweld Heat Treatment on the Toughness of Heat-Affected Zone for Grade 91 Steel, (March) 80-s
Hamdi, M., Ariga, T., Fadzil, M., Zaharinie, T., and Yusof, F. — Microstructure Analysis of Brazed Sapphire to Inconel® 600 Using Porous Interlayer, (Nov) 332-s
Harsh, S. P., Venkateswarlu, D., Mandal, N. R., and Mahapatra, M. M. — Tool Design Effects for FSW of AA7039, (Feb) 41-s
Hunter, A. H., DuPont, J. N., Robino, C. V., Kozeschnik, E., Seidman, D. N., and Farren, J. D. — Microstructural Evolution and Mechanical Properties of Simulated Heat-Affected Zones in an Iron-Copper Based Multicomponent Steel, (May) 140-s
Idris, J., Mazar Atabaki, M., and Noor Wati, J. — Transient Liquid Phase Diffusion Brazing of Stainless Steel 304, (March) 57-s
Jiang, J. Z., Wu, S. C., Yu, X., Zuo, R. Z., Zhang, W. H., and Xie, H. L. — Porosity, Element Loss, and Strength Model on Softening Behavior of Hybrid Laser Arc Welded Al-Zn-Mg-Cu Alloy with Synchrotron Radiation Analysis, (March) 64-s
Katayama, S., Gao, X. D., Mo, L., and Wen, Q. — Neural Network Model for Recognizing Joint Offset during Fiber Laser Welding, (Sept) 251-s
Kiaei, Z., Ghadimi, P., Ghassemi, M., and Ghassabzadeh, M. — Three-Dimensional Simulation of Underwater Welding and Investigation of Effective Parameters, (Aug) 239-s
Kiuchi, K., Nakayama, J., Saida, K., Nishijima, Y., and Nishimoto, K. — Contribution of Phosphorus and Sulfur on Hot Cracking Susceptibility for Extra-High-Purity 25Cr-35Ni Stainless Steels, (Nov) 322-s
Kotecki, D. J., and Zhang, Z. — Sources of Variation in Ferrite Number Predictions vs. Measurements, (June) 175-s
Kou, S., Wagner, D. C., and Yang, Y. K. — Spatter and Porosity in Gas-Metal Arc Welding of Magnesium Alloys: Mechanisms and Elimination, (Dec) 347-s
Kozeschnik, E., Seidman, D. N., Farren, J. D., Hunter, A. H., DuPont, J. N., and Robino, C. V. — Microstructural Evolution and Mechanical Properties of Simulated Heat-Affected Zones in an Iron-Copper Based Multicomponent Steel, (May) 140-s
Kvidahl, L., Lu, Y., and Zhang, Y. M. — Heat Input Reduction in Fillet Welding Using Bypass and Root Opening, (Dec) 390-s
Kvidahl, L., Li, X. R., Shao, Z., and Zhang, Y. M. — Monitoring and Control of Penetration in GTAW and Pipe Welding, (June) 190-s
Kvidahl, L., Li, X. R., and Zhang, Y. M. — Penetration Depth Monitoring and Control in Submerged Arc Welding, (Feb) 48-s
Langa-Moraga, A., Bonnin-Arias, C., Chamorro, E., Pérez-Carrasco, J., and Sánchez-Ramos, C. — New Optical Filter Plate for Use as Eye Protection by Welders, (Feb) 36-s
Li, L., Deceuster, A., Griffiths, B., and Silwal, B. — Effect of Postweld Heat Treatment on the Toughness of Heat-Affected Zone for Grade 91 Steel, (March) 80-s
Li, X. R., Shao, Z., Zhang, Y. M., and Kvidahl, L. — Monitoring and Control of Penetration in GTAW and Pipe Welding, (June) 190-s
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Li, Y. B., Li, Y. T., Shen, Q., and Lin, Z. Q. — Magnetically Assisted Resistance Spot Welding of Dual-Phase Steel, (April) 124-s
Li, Y. B., Zhang, H., Wang, B., Lou, M., and Shen, Q. — Shunting Effect in Resistance Spot Welding Steels — Part 1: Experimental Study, (June) 182-s
Li, Y. B., Wang, B., Shen, Q., Lou, M., and Zhang, H. — Shunting Effect in Resistance Spot Welding Steels — Part 2: Theoretical Analysis, (Aug) 231-s
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Lippold, J. C., Rule, J. R., and Rodelas, J. M. — Application of Friction Stir Processing as a Pretreatment to Fusion Welding, (Oct) 283-s
Lippold, J. C., and Yue, X. — Evaluation of Heat-Affected Zone Hydrogen-Induced Cracking in Navy Steels, (Jan) 20-s
Lippold, J. C., Caron, J. L., and Babu, S., S. — The Weld Heat-Affected Zone Liquation Cracking Susceptibility of Naval

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Liu, Z. M., Wu, C. S., and Chen, J. — Sensing Dynamic Keyhole Behaviors in Controlled-Pulse Keyholing Plasma Arc Welding, (Dec) 381-s
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Lu, Y., Zhang, Y. M., and Kvidahl, L. — Heat Input Reduction in Fillet Welding Using Bypass and Root Opening, (Dec) 390-s
Maity, J., Basak, S., Pal, T. K., and Shome, M. — GMA Brazing of Galvannealed Interstitial-Free Steel, (Feb) 29-s
Mahapatra, M. M., Harsh, S. P., Venkateswarlu, D., and Mandal, N. R. — Tool Design Effects for FSW of AA7039, (Feb) 41-s
Malek Ghaini, F., Ojo, O. A., and Montazeri, M. — Heat Input and the Liquation Cracking of Laser Welded IN738LC Superalloy, (Sept) 258-s
Mandal, N. R., Mahapatra, M. M., Harsh, S. P., and Venkateswarlu, D. — Tool Design Effects for FSW of AA7039, (Feb) 41-s
McLaurin, E., Zhong, P., Watts, K., and Stone, R. T. — Full Virtual Reality vs. Integrated Virtual Reality Training in Welding, (June) 167-s
Mo, L., Wen, Q., Katayama, S., and Gao, X. D. — Neural Network Model for Recognizing Joint Offset during Fiber Laser Welding, (Sept) 251-s
Montazeri, M., Malek Ghaini, F., and Ojo, O. A. — Heat Input and the Liquation Cracking of Laser Welded IN738LC Superalloy, (Sept) 258-s
Morfa, J., Myers, O., Schneider, J., Stromberg, R., Schilling, P., Cao, B., and Zhou, W. — Processing Effects on the Friction Stir Weld Stir Zone, (Jan) 11-s
Myers, O., Schneider, J., Stromberg, R., Schilling, P., Cao, B., Zhou, W., and Morfa, J. — Processing Effects on the Friction Stir Weld Stir Zone, (Jan) 11-s
Nakayama, J., Saida, K., Nishijima, Y., Nishimoto, K., and Kiuchi, K. — Contribution of Phosphorus and Sulfur on Hot Cracking Susceptibility for Extra-High-Purity 25Cr-35Ni Stainless Steels, (Nov) 322-s
Nasiri, A. M., Weckman, D. C., and Zhou, Y. — Interfacial Microstructure of Diode Laser Brazed AZ31B Magnesium to Steel Sheet Using a Nickel Interlayer, (Jan) 1-s
Nishijima, Y., Nishimoto, K., Kiuchi, K., Nakayama, J., and Saida, K. — Contribution of Phosphorus and Sulfur on Hot Cracking Susceptibility for Extra-High-Purity 25Cr-35Ni Stainless Steels, (Nov) 322-s
Nishimoto, K., Kiuchi, K., Nakayama, J., Saida, K., and Nishijima, Y. — Contribution of Phosphorus and Sulfur on Hot Cracking Susceptibility for Extra-High-Purity 25Cr-35Ni Stainless Steels, (Nov) 322-s
Nishimoto, K., Saida, K., Chun, E. J., Baba, H., and Terashima, K. — Prediction of the σ-Phase Embrittlement in Type 316FR Weld Metal, (May) 133-s
Noor Wati, J., Idris, J., and Mazar Atabaki, M. — Transient Liquid Phase Diffusion Brazing of Stainless Steel 304, (March) 57-s
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Qi, X., Gao, Y., Ren, X., Yang, Q., Yang, J., Yang, Y., and Zhou, Y. — Microstructure and Wear Properties of Fe-2 wt-% Cr-X wt-% W-0.67 wt-% C Hardfacing Layer, (Aug) 225-s
Ramirez, J. E. — Evaluation of Susceptibility of Alloy IN740 to HAZ Stress-Relaxation Cracking, (April) 89-s
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Ren, X., Yang, Q., Yang, J., Yang, Y., Zhou, Y., Qi, X., and Gao, Y. — Microstructure and Wear Properties of Fe-2 wt-% Cr-X wt-% W-0.67 wt-% C Hardfacing Layer, (Aug) 225-s
Robino, C. V., Kozeschnik, E., Seidman, D. N., Farren, J. D., Hunter, A. H., and DuPont, J. N. — Microstructural Evolution and Mechanical Properties of Simulated Heat-Affected Zones in an Iron-Copper Based Multicomponent Steel, (May) 140-s
Rodelas, J. M., Lippold, J. C., and Rule, J. R. — Application of Friction Stir Processing as a Pretreatment to Fusion Welding, (Oct) 283-s
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Saida, K., Nishijima, Y., Nishimoto, K., Kiuchi, K., and Nakayama, J. — Contribution of Phosphorus and Sulfur on Hot Cracking Susceptibility for Extra-High-Purity 25Cr-35Ni Stainless Steels, (Nov) 322-s
Saida, K., Chun, E. J., Baba, H., Terashima, K., and Nishimoto, K. — Prediction of the σ-Phase Embrittlement in Type 316FR Weld Metal, (May) 133-s
Sánchez-Ramos, C., Langa-Moraga, A., Bonnin-Arias, C., Chamorro, E., and Pérez-Carrasco, J. — New Optical Filter Plate for Use as Eye Protection by Welders, (Feb) 36-s
Schilling, P., Cao, B., Zhou,W., Morfa, J., Myers, O., Schneider, J., and Stromberg, R. — Processing Effects on the Friction Stir Weld Stir Zone, (Jan) 11-s
Schneider, J., Stromberg, R., Schilling, P., Cao, B., Zhou,W., Morfa, J., and Myers, O. — Processing Effects on the Friction Stir Weld Stir Zone, (Jan) 11-s
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Seidman, D. N., Farren, J. D., Hunter, A. H., DuPont, J. N., Robino, C. V., and Kozeschnik, E. — Microstructural Evolution and Mechanical Properties of Simulated Heat-Affected Zones in an Iron-Copper Based Multicomponent Steel, (May) 140-s
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Shome, M., Maity, J., Basak, S., and Pal, T. K. — GMA Brazing of Galvannealed Interstitial-Free Steel, (Feb) 29-s
Silwal, B., Li, L., Deceuster, A., and Griffiths, B. — Effect of Postweld Heat Treatment on the Toughness of Heat-Affected Zone for Grade 91 Steel, (March) 80-s
Stockdale, A. W., Caizza, A., Esposito, A., and DuPont, J. N. — High-Temperature Corrosion Behavior of Alloy 600 and 622 Weld Claddings and Coextruded Coatings, (July) 218-s
Stromberg, R., Schilling, P., Cao, B., Zhou,W., Morfa, J., Myers, O., and Schneider, J. — Processing Effects on the Friction Stir Weld Stir Zone, (Jan) 11-s
Stone, R. T., McLaurin, E., Zhong, P., and Watts, K. — Full Virtual Reality vs. Integrated Virtual Reality Training in Welding, (June) 167-s
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Terashima, K., Nishimoto, K., Saida, K., Chun, E. J., and Baba, H. — Prediction of the σ-Phase Embrittlement in Type 316FR Weld Metal, (May) 133-s
Venkateswarlu, D., Mandal, N. R., Mahapatra, M. M., and Harsh, S. P. — Tool Design Effects for FSW of AA7039, (Feb) 41-s
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Weckman, D. C., Zhou, Y., and Nasiri, A. M. — Interfacial Microstructure of Diode Laser Brazed AZ31B Magnesium to Steel Sheet Using a Nickel Interlayer, (Jan) 1-s
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